

INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/649,251	
			Filing Date	August 26, 2003	
			First Named Inventor	Gregory R. Hanson et al.	
			Group Art Unit	2877	
			Examiner Name	Connolly, Patrick J	
Sheet	1	of	2	Attorney Docket Number	UBAT1510
NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Citation			
PJC		Invention of Holography: D. Gabor, Proc. Roy. Soc. London Ser. A <u>A197</u> , 459 (1949).			
		Invention of Sideband (Hetrodyne) Holography: E. Leith and J. Upatnieks, J. Opt. Soc. Am. <u>52</u> , 1123 (1962) and J. Opt. Soc. Am. <u>53</u> 1377 (1963).			
		Mathematical Treatise on Holography: J.B. Develis and G.O. Reynolds, Theory and Application of Holography, Addison-Wesley, Reading, MA, 1967.			
		Holographic Interferometry: L.O. Heflinger, R.F. Wuerker, and R.E. Brooks, J. Appl. Phys. <u>37</u> , 642 (1966).			
		Discussion of Focused Holography (used for holographic interferometry): F.E. Jahoda, R.A. Jeffries and G.A. Sawyer, Appln. Opt. <u>6</u> , 1407 (1967).			
		Interferogram Analysis: Digital Fringe Pattern Measurement Techniques, M. Kujawinska, (edited by D.W. Robinson and G.T. Reid), IOP Publishing Ltd., Bristol, England, 1993).			
		Holographic Interferometry: Principles and Methods, K. Creath and T. Kreis (edited by K. Rastogi), Springer-Verlag, New York, New York, 1994.			
		Papers by E. Voelkl on Fourier transform analysis of electron holography: E. Voelkl, L.F. Allard, and B. Frost, J. Microscopy <u>180</u> , pt. 1, October, 1995, pp. 39-50.			
		E. Voelkl, L.F. Allard, A. Datye, B. Frost, Ultramicroscopy <u>58</u> , (1995), pp. 97-103.			
		Edgar Volk, "Introduction to Electron Holography", pp. 133-138, published by Kluwer Academic/Plenum Publishers, New York, 1999.			
		Jacob et al., "High Resolution Photomask Transmission and Phase Measurement Tool", Metrology, Inspection and Process Control for Microlithography XVI, Proceedings of SPIE Vol. 4689, pp. 70-82, 2002.			
		Thomas et al., "Direct to Digital Holography for Semiconductor Wafer Defect Detection and Review", Design, Process Integration, and Characterization for Microelectronics, Proceedings of SPIE Vol. 4692, pp. 180-194, 2002.			
PJL		E. Voelkl, L.F. Allard, ICEM-13 (13th International Conference on Electron Microscopy), 17-22, July, 1994, Paris, France, Proceedings, p. 287.			
Examiner Signature	PATRICE CONNOLLY			Date Considered	09.21.2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/659,251	
			Filing Date	August 26, 2003	
			First Named Inventor	Gregory R. Hanson	
			Group Art Unit	2877	
			Examiner Name	Connolly, Patrick J	
Sheet	2	of	2	Attorney Docket Number	UBAT1510
NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Citation			
PTC		Volkl, E., et al. "Advanced Electron Holography: A New Algorithm for Image Processing and Standardized Quality Test for the FEG Electron Microscope", ULTRAMICROSCOPY 58 (1995) 97-103.			
		Volkl, E., et al., "A Software Package for the Processing and Reconstruction of Electron Holograms", JOURNAL OF MICROSCOPY, Vol. 180, pt. 1, October, 1995, pp. 39-50.			
		Leith, E.N. "Reconstructed Wavefronts and Communication Theory", JOURNAL OF OPTICAL SOCIETY OF AMERICA, Vol. 52 No. 10, October 1962.			
		Gabor, D., et al., "Microscopy by Reconstructed Wave-Fronts", RESEARCH LABORATORY, August 1948, pp. 454-487			
		Leith, E.N., et al., "Wavefront Reconstruction with Continuous-Tone Objects", JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, Vol. 53, No. 12, December 1963.			
		Leith, E.N., et al., "Wavefront Reconstruction with Diffused Illumination and Three Dimensional Objects", JOURNAL OF THE OPTICAL SOCIETY OF AMERICA, Vol. 54, No. 11, November 1964.			
		North, J.C., et al., "Holographic Interferometry", JOURNAL OF APPLIED PHYSICS, Vol. 37, No. 2, February 1966.			
		Kujawinska, M., "Digital Fringe Pattern Measurement Techniques", INTERFEROGRAM ANALYSIS			
		DeVelis, J.B., et al., "Theory and Applications of Holography", (1967)			
		Jahoda, F.C., et al., "Fractional-Fringe Holographic Plasma Interferometry", APPLIED OPTICS, August 1967, Vol. 6, No. 8, pp. 1407-1410.			
		Jahoda, F.C., et al., "Holographic Interferometry Cookbook", LOS ALAMOS SCIENTIFIC LABORATORY, October 1972.			
		Rastogi, P.K., "Holographic Interferometry", OPTICAL SCIENCE CENTER, UNIVERSITY OF ARIZONA, Vol. 68 (1994)			
PTC		Volkl, E., et al., "The Extended Fourier Algorithm. Application in Discrete Optics and Electron Holography", HIGH TEMPERATURE MATERIALS LABORATORY, July 1994.			
Examiner Signature	PATRICK CONNOLLY			Date Considered	08.21.2005